

### Production Technologist

#### ABOUT US:

**Quester Tangent** has had the privilege of being at the forefront of the train technology industry for over 30 years. Based on Canada's beautiful Pacific Coast, our talented team takes pride in helping to make smarter and more connected trains through every stage of the lifecycle - from design to ongoing support. Our leading-edge solutions help enhance public transit systems across North America, making travel safer, more efficient, and comfortable for everyone.

When you join Quester Tangent you will be joining a closely-knit team that is passionate about the work we do and the positive impact it has on transit systems. Working on large, multi-year projects allows you to see the long-term difference you are making. If you would love to contribute to meaningful change in the world's transit networks, Quester Tangent would love for you to join our team.

#### THE ROLE:

The Production Technologist is responsible for the testing and inspection of electronic assemblies and components. This includes ability to test, troubleshoot, repair, and perform failure analysis of electronics, electrical components, cables, wiring harnesses, mechanical products, and software products. Other tasks include performing quality checks to ongoing builds. Work is performed under the general direction of the Production Supervisor and is reviewed daily. Strong attention to detail and consistently high-quality workmanship are required.

#### COMPENSATION:

The hourly wage range for this role is \$26.00 to \$29.00 per hour, though actual compensation may vary based on factors such as experience and qualifications.

#### KEY RESPONSIBILITIES:

- Test electronic systems, sub-assemblies, finished product circuit boards, and cable harness assemblies using standard production documentation, including routine test procedures, schematics, and component descriptions.
- Troubleshoot and rework in-process failed products and take corrective actions to prevent product nonconformity, thereby improving products and processes.
- Install production software and firmware into completed electronic assemblies.
- Conduct routine testing of completed electronic assemblies and sub-assemblies.
- Ensure quality processes are followed.
- Ensure timely closure of jobs according to the production schedule and budget.
- Optimize processes to increase efficiencies.
- Complete quality inspections against existing standards.
- Exercise care and prescribed precautions in the handling and storage of materials and products, and prepare adequate records for quality.
- Control further processing or delivery of nonconforming product until the deficiency or unsatisfactory condition has been corrected.

- Document all production and test activities as required and assist in the maintenance of assembly, test, and configuration management records.
- Identify and record any product quality problems.
- Initiate action to prevent the occurrence of product nonconformity and improve products and processes.
- Verify the implementation of corrective action.
- Perform miscellaneous duties as required.

### QUALIFICATIONS, SKILLS AND ABILITIES:

- Minimum 1-2 years of experience in an electronics design and production environment, with experience in a production test and repair position, to meet full qualifications.
- Experience in high-reliability soldering.
- Diploma or degree in Electronics Technology or Electrical Engineering from a recognized institution.
- Solid understanding of all aspects of electronic circuit board testing, including component handling, soldering, and cleaning in a static-controlled environment.
- Strong competence and abilities to troubleshoot and repair complex circuits.
- Solid understanding of all aspects of electronic hardware assembly, including cable assembly, mechanical support hardware, and enclosure assembly.
- Basic knowledge of computer operations, including file manipulation, program initiation and operation, and connection to serial and parallel ports.
- General knowledge of production techniques, standards, quality control principles, and practices.
- Commitment to high standards of workmanship and attention to detail.
- WHMIS Certification.
- Strong interpersonal skills and an ability to work in a high-energy environment with minimum supervision.
- Basic knowledge of ERP systems and their use.

### WHY JOIN QUESTER TANGENT?

- **Expertise and Innovation:** At Quester Tangent, your ideas shape our future. Our creative community tackles challenges together, celebrating each step forward.
- **Impactful Work:** As a passionate team, we're devoted to improving public transit and making a real difference in communities worldwide.
- **Growth and Development:** We invest in your development through mentorship and opportunities, helping you build expertise and advance your career.
- **Work-Life Balance:** We value your time outside of work and encourage you to disconnect and recharge after hours.
- **Inclusive Culture:** Your unique perspective makes us better. Here, differences are celebrated, and every voice shapes our success.

- **Perks and Benefits:** From quarterly "me days" to engaging company events, our strong compensation package supports your well-being.

**To apply for this role, please send a cover letter and resume to [HR@questertangent.com](mailto:HR@questertangent.com), identifying the position to which you are applying for.**

*Quester Tangent Corporation is an equal opportunity employer and encourages applicants from diverse backgrounds, including women, Indigenous peoples, persons with disabilities, and members of visible minorities. We are committed to providing accommodation throughout all stages of the recruitment process in accordance with the British Columbia Employment Standards Act (ESA). If you require accommodation during the hiring process, please inform the Human Resources representative. All information regarding accommodation requests will be handled with the utmost confidentiality.*